IN THE ABSTRACT:

Delete the current Abstract and replace therewith the attached substitute Abstract.

A digital camera ~~includes~~ including a CCD imager and a complementary color filter mounted on a light receiving surface thereof. The complementary color filter has color blocks each having 8 [[lines]] rows × 4 [[rows]] columns while CCD imager has, at its light receiving surface, pixel blocks corresponding to those color blocks. The color block is assigned, in its each row, with all the kinds of color components, i.e., G, Mg, Ye and Cy, at least one in number per kind. A timing generator reads from respective [[rows]] columns pixel signals including all the kinds of color components at least one in number per kind, and transfers the read pixel signals in vertical direction. The timing generator also transfers the pixel signals in a horizontal direction each time vertical transfer by 8 [[lines]] rows has been completed.